

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10586712"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 13:26
S2	449	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 13:30
S3	2	"6153898".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 14:35
S4	1331	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 18:07
S5	2392	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 20:22
S6	1459	S5 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 20:22
S7	449	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:36

S8	1331	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:36
S9	2392	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:36
S10	1459	S9 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:36
S11	63	(S7 S8 S10) and barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:36
S12	231	(S7 S8 S10) and adhesion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:49
S13	41	(S7 S8 S10) and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:49
S14	19	(S7 S8 S10) and (orientation with (la mg))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 13:24
S15	3	"10472589"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 13:35

S16	24	S9 and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 13:42
S17	4	"2003052840"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 14:58
S18	296	((masahiro near2 yasumi) (kazuki near2 komaki) (yuji near2 murashima) (yuki near2 nakmura) (tetsuo near2 kawasaki)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 15:35
S19	53	S18 and piezo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 15:35
S20	4	("20040104981" "6153898").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:11
S21	5	"2005104257"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 15:57
S22	468	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S23	1342	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05

S24	2471	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S25	1521	S24 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S26	468	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S27	1342	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S28	2471	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S29	1521	S28 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S30	64	(S26 S27 S29) and barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S31	243	(S26 S27 S29) and adhesion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05

S32	44	(S26 S27 S29) and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S33	20	(S26 S27 S29) and (orientation with (la mg))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S34	25	S28 and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S35	300	((masahiro near2 yasumi) (kazuki near2 komaki) (yuji near2 murashima) (yuki near2 nakmura) (tetsuo near2 kawasaki)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S36	55	S35 and piezo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S37	17	(US-20090021119-\$ or US-20040095046-\$ or US-20050194626-\$ or US-20050280335-\$ or US-20050218756-\$ or US-20040104981-\$ or US-20040090500-\$ or US-20070164634-\$ or US-20060146097-\$). did. or (US-6153898-\$ or US-7185540-\$ or US-7259498-\$ or US-7478558-\$ or US-7312558-\$ or US-7083270-\$ or US-7109637-\$).did. or (US-20070227333-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/10/13 11:32

S38	13	S37 and adhes\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 11:33
S39	7436	(top upper) with electrode with adhes\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 11:35
S40	102	310/363-366.ccls. and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 11:36
S41	482	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S42	1369	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S43	2538	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S44	1571	S43 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S45	482	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36

S46	1369	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S47	2538	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S48	1571	S47 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S49	67	(S45 S46 S48) and barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S50	251	(S45 S46 S48) and adhesion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S51	45	(S45 S46 S48) and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:37
S52	20	(S45 S46 S48) and (orientation with (la mg))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:37
S53	25	S47 and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:37

S54	300	((masahiro near2 yasumi) (kazuki near2 komaki) (yuji near2 murashima) (yuki near2 nakmura) (tetsuo near2 kawasaki)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:37
S55	55	S54 and piezo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:37
S56	7792	(top upper) with electrode with adhes\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 19:59
S57	107	310/363-366.ccls. and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 19:59
S58	493	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S59	1387	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S60	2666	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S61	1646	S60 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00



S62	493	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S63	1387	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S64	2666	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S65	1646	S64 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S66	72	(S62 S63 S65) and barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S67	259	(S62 S63 S65) and adhesion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S68	46	(S62 S63 S65) and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S69	20	(S62 S63 S65) and (orientation with (la mg))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00

S70	25	S64 and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S71	331	((masahiro near2 yasumi) (kazuki near2 komaki) (yuji near2 murashima) (yuki near2 nakmura) (tetsuo near2 kawasaki)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:00
S72	69	S71 and piezo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:01
S73	23610	angular with velocity with (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:20
S74	4030	S73 and piezo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:20
S75	28	S74 and (diffusion with (barrier prevent\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:21
S76	5	"2004015370".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:31
S77	9652	(ferroelectric piezo\$) adj capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:56

S78	15957	(ferroelectric piezo\$) near3 capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:56
S79	46	S73 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 20:56
S80	25	(US-20090021119-\$ or US-20040095046-\$ or US-20050194626-\$ or US-20050280335-\$ or US-20050218756-\$ or US-20040104981-\$ or US-20040090500-\$ or US-20070164634-\$ or US-20060146097-\$ or US-20050046312-\$ or US-20100043547-\$ or US-20080259133-\$ or US-20050029606-\$ or US-20020180843-\$ or US-20030076008-\$). did. or (US-6153898-\$ or US-7185540-\$ or US- 7259498-\$ or US- 7478558-\$ or US- 7312558-\$ or US- 7083270-\$ or US- 7109637-\$ or US- 5802686-\$).did. or (WO-2004015370-\$). did. or (US- 20070227333-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/03/24 13:35
S81	19	S80 and platinum and titanium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 13:35
S82	5	"2004015370".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 14:01

S83	4	"2003052840".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:05
S84	8076	(top upper) with electrode with adhes\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S85	110	310/363-366.ccls. and S84	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S86	517	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S87	1405	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S88	2767	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S89	1711	S88 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S90	517	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08

S91	1405	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S92	2767	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S93	1711	S92 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S94	75	(S90 S91 S93) and barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S95	275	(S90 S91 S93) and adhesion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S96	51	(S90 S91 S93) and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S97	20	(S90 S91 S93) and (orientation with (la mg))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:08
S98	28	S92 and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:09

S99	334	((masahiro near2 yasumi) (kazuki near2 komaki) (yuji near2 murashima) (yuki near2 nakmura) (tetsuo near2 kawasaki)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:09
S100	71	S99 and piezo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:09
S101	24342	angular with velocity with (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:09
S102	4177	S101 and piezo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:09
S103	30	S102 and (diffusion with (barrier prevent \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:09
S104	16306	(ferroelectric piezo\$) near3 capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:09
S105	47	S101 and S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/20 18:09

**EAST Search History (Interference)**

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